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<b>TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A SUBMISSION UNDER 35 U.S.C. 371</b>		ATTORNEY'S DOCKET NUMBER <b>BDL-487XX</b>
INTERNATIONAL APPLICATION NO. <b>PCT/FR2004/001009</b>	INTERNATIONAL FILING DATE <b>27 April 2004</b>	U.S. APPLICATION NO. (If known, see 37 CFR 1.5) <b>10/549,444</b>
TITLE OF INVENTION <b>CONTROL OR MODELING OF A METHOD FOR CHEMICAL INFILTRATION IN A VAPOR PHASE FOR THE DENSIFICATION OF POROUS SUBSTRATES BY CARBON</b>		PRIORITY DATE CLAIMED <b>28 April 2003</b>
APPLICANT(S) FOR DO/EO/US <b>Eric Sion, Paul-Marie Marquaire, Rene Fournet, Guy-Marie Come</b>		

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1. ☐ This is a **FIRST** submission of items concerning a submission under 35 U.S.C. 371.
2. ☒ This is a **SECOND** or **SUBSEQUENT** submission of items concerning a submission under 35 U.S.C. 371.
3. ☒ This express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below. **Items Nos. (5), (6) and (21) were submitted on September 16, 2005.**
4. ☒ The US has been elected (Article 31).
5. ☐ A copy of the International Application as filed (35 U.S.C. 371(c)(2))
  - a. ☐ is attached hereto (required only if not communicated by the International Bureau).
  - b. ☐ has been communicated by the International Bureau.
  - c. ☐ is not required, as the application was filed in the United States Receiving Office (RO/US).
6. ☐ An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).
  - a. ☐ is attached hereto.
  - b. ☐ had been previously submitted under 35 U.S.C. 154(d)(4).
7. ☐ Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))
  - a. ☐ are attached herewith (required only if not communicated by the International Bureau).
  - b. ☐ have been communicated by the International Bureau.
  - c. ☐ have not been made; however, the time limit for making such amendments has NOT expired.
  - d. ☐ have not been made and will not be made.
8. ☐ An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).
9. ☒ An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).
10. ☐ An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).

**Items 11 to 20 below concern document(s) or information included:**

11. ☐ An Information Disclosure Statement under 37 CFR 1.97 and 1.98.
12. ☐ An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
13. ☐ A preliminary amendment.
14. ☐ An Application Data Sheet under 37 CFR 1.76.
15. ☐ A substitute specification.
16. ☐ A power of attorney and/or change of address letter.
17. ☐ A computer readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821-1.825.
18. ☐ A second copy of the published International Application under 35 U.S.C. 154(d)(4).
19. ☐ A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).
20. ☒ Other items or information: **Copy of 371 Formalities Letter dated June 12, 2006**

This collection of information is required by 37 CFR 1.414 and 1.491-1.492. The information is required to obtain the USPTO to process an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Express Mail Number

EV 559914449 US

U.S. APPLICATION NO. (If known, see 37 CFR 1.5) <b>10/549,444</b>		INTERNATIONAL APPLICATION NO <b>PCT/FR2004/001009</b>		ATTORNEY'S DOCKET NUMBER <b>BDL-487XX</b>	
The following fees have been submitted:				<b>CALCULATIONS      PTO USE ONLY</b>	
21. <input type="checkbox"/> Basic national fee..... <b>\$300.00</b>				\$	
22. <input type="checkbox"/> Examination fee If International preliminary examination report prepared by USPTO and all claims satisfy provisions of PCT Article 33(1)-(4) ..... <b>\$100.00</b> All other situations ..... <b>\$200.00</b>				\$	
23. <input type="checkbox"/> Search fee Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority ..... <b>\$100.00</b> International Search Report prepared and provided to the Office..... <b>\$400.00</b> All other situations..... <b>\$500.00</b>				\$	
<b>TOTAL OF 21, 22 and 23 =</b>				\$	
<input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is <b>\$250.00</b> for each additional 50 sheets of paper or fraction thereof.					
Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof (round up to a whole number)	RATE		
- 100 =	/ 50 =		X <b>\$250.00</b>	\$	
Surcharge of <b>\$130.00</b> for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492(h)).				<b>\$ 130.00</b>	
CLAIMS		NUMBER FILED	NUMBER EXTRA	RATE	
Total claims		- 20 =		X <b>\$ 50.00</b>	\$
Independent claims		- 3 =		X <b>\$200.00</b>	\$
MULTIPLE DEPENDENT CLAIM(S) (if applicable)				+ <b>\$360.00</b>	\$
<b>TOTAL OF ABOVE CALCULATIONS =</b>				\$	
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by 1/2.				\$	
<b>SUBTOTAL =</b>				\$	
Processing fee of <b>\$130.00</b> for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(l)).				\$	
<b>TOTAL NATIONAL FEE =</b>				<b>\$ 130.00</b>	
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). <b>\$40.00</b> per property +				\$	
<b>TOTAL FEES ENCLOSED =</b>				<b>\$ 130.00</b>	
				Amount to be Refunded:	\$
				Amount to be Charged:	\$

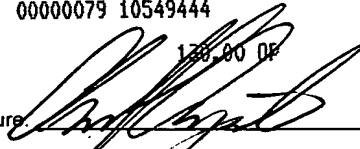
a. ☒ A check in the amount of \$ 130.00 to cover the above fees, except assignment recordation, is enclosed.  
A check in the amount of \$ \_\_\_\_\_ is enclosed for the assignment recordation fee.

b. ☐ Please charge my Deposit Account No. \_\_\_\_\_ in the amount of \$ \_\_\_\_\_ to cover the above fees.  
A duplicate copy of this sheet is enclosed.

c. ☒ The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 23-0804. A duplicate copy of this sheet is enclosed.

d. ☐ Fees are to be charged to a credit card. **WARNING:** Information on this form may become public. **Credit card information should not be included on this form.** Provide credit card information and authorization on PTO-2038.

**NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status.**

SEND ALL CORRESPONDENCE TO:		which is associated with the Law Firm of:
[X] Customer Number 00207		WEINGARTEN, SCHURGIN, GAGNEBIN & LEOVICI LLP
06/22/2006 GFREY1 00000079 10549444		Ten Post Office Square
01 FC:1617		Boston, Massachusetts 02109
		United States
		Telephone: (617) 542-2290 Fax: (617) 451-0313
Attorney Signature: 		Date: <u>6-19-6</u>
Attorney Name: <u>Charles L. Gagnebin III</u>		Registration No: <u>25,467</u>



## UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
 United States Patent and Trademark Office  
 Address: COMMISSIONER FOR PATENTS  
 P.O. Box 1450  
 Alexandria, Virginia 22313-1450  
 www.uspto.gov

U.S. APPLICATION NUMBER NO.	FIRST NAMED APPLICANT	ATTY. DOCKET NO.
10/549,444	Eric Sion	BDL-487XX

INTERNATIONAL APPLICATION NO.
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PCT/FR04/01009

I.A. FILING DATE	PRIORITY DATE
03/27/2004	04/28/2003

207

WEINGARTEN, SCHURGIN, GAGNEBIN & LEOVICI LLP  
 TEN POST OFFICE SQUARE  
 BOSTON, MA 02109

RECEIVED  
 BY: *AS*

JUN 15 2006

WEINGARTEN, SCHURGIN,  
 GAGNEBIN & LEOVICI LLP

CONFIRMATION NO. 9512

371 FORMALITIES LETTER



\*OC000000019209163\*

Date Mailed: 06/12/2006

### NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)

The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as a Designated / Elected Office (37 CFR 1.495).

- Copy of the International Application filed on 09/16/2005
- Copy of the International Search Report filed on 09/16/2005
- Copy of IPE Report filed on 09/16/2005
- Preliminary Amendments filed on 09/16/2005
- Information Disclosure Statements filed on 09/16/2005
- U.S. Basic National Fees filed on 09/16/2005
- Priority Documents filed on 09/16/2005
- Specification filed on 09/16/2005
- Claims filed on 09/16/2005
- Abstracts filed on 09/16/2005
- Drawings filed on 09/16/2005

The applicant needs to satisfy supplemental fees problems indicated below.

The following items **MUST** be furnished within the period set forth below in order to complete the requirements for acceptance under 35 U.S.C. 371:

- Oath or declaration of the inventors, in compliance with 37 CFR 1.497(a) and (b), identifying the application by the International application number and international filing date.
- To avoid abandonment, a surcharge (for late submission of filing fee, search fee, examination fee or oath or declaration) as set forth in 37 CFR 1.492(h) of \$130 for a non-small entity, must be submitted with the missing items identified in this letter.

SUMMARY OF FEES DUE:

Express Mail Number

EV 559914449 US

Total additional fees required for this application is \$130 for a Large Entity:

- \$130 Surcharge.

**ALL OF THE ITEMS SET FORTH ABOVE MUST BE SUBMITTED WITHIN TWO (2) MONTHS FROM THE DATE OF THIS NOTICE OR BY 32 MONTHS FROM THE PRIORITY DATE FOR THE APPLICATION, WHICHEVER IS LATER. FAILURE TO PROPERLY RESPOND WILL RESULT IN ABANDONMENT.**

The time period set above may be extended by filing a petition and fee for extension of time under the provisions of 37 CFR 1.136(a).

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

*A copy of this notice **MUST** be returned with the response.*

PATRICIA A BOOKER

Telephone: (703) 308-9140 EXT 204

**PART 1 - ATTORNEY/APPLICANT COPY**

U.S. APPLICATION NUMBER NO.	INTERNATIONAL APPLICATION NO.	ATTY. DOCKET NO.
10/549,444	PCT/FR04/01009	BDL-487XX

FORM PCT/DO/EO/905 (371 Formalities Notice)